

**BRANGUS CATTLE EVALUATION**

**NON-PARENT BLACK BRANGUS**

**JULY 2018**

|                | EPD AVERAGE AND RANGE |              |        |                |        |               |                 |             |          |          | PERCENTILE BREAKDOWN |              |              |        |         |        |             |  |  |  |
|----------------|-----------------------|--------------|--------|----------------|--------|---------------|-----------------|-------------|----------|----------|----------------------|--------------|--------------|--------|---------|--------|-------------|--|--|--|
|                | BIRTH WEIGHT          | CALVING EASE | MAT CE | WEANING WEIGHT | MILK   | MILK & GROWTH | YEARLING WEIGHT | U.S. WEIGHT | U.S. REA | U.S. FAT | U.S. IMF             | SCROTAL CIRC | AGE 1ST CALF | COW WT | BODY CS | STAY   | HEIFER PREG |  |  |  |
| <b>NUMBER</b>  | 88,199                | 88,199       | 88,199 | 88,199         | 88,199 | 88,199        | 88,199          | 88,199      | 88,199   | 88,199   | 88,199               | 88,199       | 88,199       | 88,199 | 88,199  | 88,199 | 88,199      |  |  |  |
| <b>AVERAGE</b> | 1.0                   | 5.0          | 3.6    | 25.5           | 9.1    | 21.9          | 48.7            | 26.2        | 0.35     | -0.041   | 0.01                 | 0.45         | -0.45        | -3.62  | -0.041  | 0.63   | 1.69        |  |  |  |
| <b>LOW</b>     | -8.0                  | -5.7         | -0.6   | -12.8          | -7.8   | 1.2           | -17.1           | -22.0       | -0.60    | -0.085   | -0.28                | -1.50        | -3.54        | -36.80 | -0.126  | -3.19  | -2.18       |  |  |  |
| <b>HIGH</b>    | 9.4                   | 15.0         | 6.8    | 62.0           | 23.1   | 47.3          | 127.1           | 85.0        | 1.30     | 0.013    | 0.54                 | 2.70         | 2.00         | 41.34  | 0.092   | 4.38   | 4.44        |  |  |  |
| <b>1%</b>      | -2.9                  | 9.8          | 4.9    | 46.1           | 17.4   | 35.1          | 88.9            | 56.8        | 0.81     | -0.059   | 0.23                 | 1.30         | -1.40        | -15.01 | 0.004   | 2.40   | 3.46        |  |  |  |
| <b>2%</b>      | -2.4                  | 9.1          | 4.7    | 43.6           | 16.2   | 33.4          | 84.1            | 53.0        | 0.76     | -0.057   | 0.20                 | 1.18         | -1.24        | -13.51 | -0.004  | 2.03   | 3.27        |  |  |  |
| <b>3%</b>      | -2.0                  | 8.7          | 4.6    | 42.0           | 15.5   | 32.4          | 81.2            | 50.7        | 0.72     | -0.056   | 0.18                 | 1.09         | -1.13        | -12.70 | -0.008  | 1.84   | 3.14        |  |  |  |
| <b>4%</b>      | -1.8                  | 8.4          | 4.5    | 40.8           | 15.0   | 31.7          | 78.9            | 48.9        | 0.70     | -0.055   | 0.17                 | 1.04         | -1.07        | -12.10 | -0.011  | 1.72   | 3.05        |  |  |  |
| <b>5%</b>      | -1.6                  | 8.1          | 4.5    | 39.8           | 14.6   | 31.0          | 77.0            | 47.4        | 0.68     | -0.054   | 0.16                 | 1.00         | -1.02        | -11.60 | -0.014  | 1.63   | 2.97        |  |  |  |
| <b>10%</b>     | -0.9                  | 7.3          | 4.3    | 36.5           | 13.3   | 28.9          | 70.7            | 42.5        | 0.61     | -0.052   | 0.12                 | 0.87         | -0.87        | -9.88  | -0.022  | 1.34   | 2.68        |  |  |  |
| <b>15%</b>     | -0.5                  | 6.8          | 4.1    | 34.2           | 12.4   | 27.4          | 66.2            | 39.1        | 0.56     | -0.050   | 0.09                 | 0.78         | -0.78        | -8.74  | -0.026  | 1.17   | 2.48        |  |  |  |
| <b>20%</b>     | -0.2                  | 6.4          | 4.0    | 32.5           | 11.8   | 26.3          | 62.7            | 36.5        | 0.52     | -0.049   | 0.08                 | 0.71         | -0.71        | -7.84  | -0.029  | 1.05   | 2.34        |  |  |  |
| <b>25%</b>     | 0.0                   | 6.1          | 3.9    | 31.1           | 11.2   | 25.4          | 59.9            | 34.3        | 0.49     | -0.047   | 0.06                 | 0.65         | -0.65        | -7.09  | -0.032  | 0.96   | 2.21        |  |  |  |
| <b>30%</b>     | 0.2                   | 5.9          | 3.9    | 29.8           | 10.8   | 24.6          | 57.3            | 32.4        | 0.46     | -0.046   | 0.05                 | 0.61         | -0.61        | -6.43  | -0.034  | 0.88   | 2.09        |  |  |  |
| <b>35%</b>     | 0.4                   | 5.6          | 3.8    | 28.6           | 10.3   | 23.8          | 54.9            | 30.6        | 0.43     | -0.045   | 0.04                 | 0.56         | -0.56        | -5.80  | -0.036  | 0.80   | 1.98        |  |  |  |
| <b>40%</b>     | 0.6                   | 5.4          | 3.7    | 27.4           | 9.9    | 23.1          | 52.8            | 28.9        | 0.41     | -0.044   | 0.02                 | 0.52         | -0.52        | -5.23  | -0.038  | 0.73   | 1.87        |  |  |  |
| <b>45%</b>     | 0.8                   | 5.2          | 3.7    | 26.4           | 9.5    | 22.4          | 50.6            | 27.3        | 0.38     | -0.043   | 0.01                 | 0.48         | -0.48        | -4.66  | -0.040  | 0.66   | 1.77        |  |  |  |
| <b>50%</b>     | 1.0                   | 5.0          | 3.6    | 25.3           | 9.1    | 21.7          | 48.5            | 25.7        | 0.35     | -0.042   | 0.00                 | 0.44         | -0.44        | -4.08  | -0.042  | 0.59   | 1.67        |  |  |  |
| <b>55%</b>     | 1.1                   | 4.9          | 3.6    | 24.3           | 8.7    | 21.1          | 46.4            | 24.2        | 0.33     | -0.041   | -0.01                | 0.40         | -0.40        | -3.49  | -0.044  | 0.53   | 1.57        |  |  |  |
| <b>60%</b>     | 1.3                   | 4.7          | 3.5    | 23.2           | 8.3    | 20.4          | 44.3            | 22.7        | 0.30     | -0.040   | -0.01                | 0.36         | -0.36        | -2.85  | -0.046  | 0.46   | 1.47        |  |  |  |
| <b>65%</b>     | 1.5                   | 4.4          | 3.4    | 22.1           | 7.9    | 19.7          | 42.0            | 21.0        | 0.27     | -0.039   | -0.02                | 0.32         | -0.32        | -2.18  | -0.047  | 0.39   | 1.37        |  |  |  |
| <b>70%</b>     | 1.7                   | 4.2          | 3.4    | 21.0           | 7.5    | 19.0          | 39.7            | 19.3        | 0.25     | -0.038   | -0.03                | 0.28         | -0.28        | -1.45  | -0.049  | 0.32   | 1.26        |  |  |  |
| <b>75%</b>     | 1.9                   | 4.0          | 3.3    | 19.8           | 7.0    | 18.2          | 37.2            | 17.5        | 0.22     | -0.036   | -0.04                | 0.24         | -0.23        | -0.67  | -0.051  | 0.25   | 1.15        |  |  |  |
| <b>80%</b>     | 2.2                   | 3.7          | 3.2    | 18.4           | 6.4    | 17.3          | 34.4            | 15.5        | 0.18     | -0.035   | -0.05                | 0.19         | -0.19        | 0.25   | -0.053  | 0.17   | 1.02        |  |  |  |
| <b>85%</b>     | 2.5                   | 3.3          | 3.1    | 16.8           | 5.7    | 16.3          | 31.2            | 13.3        | 0.14     | -0.032   | -0.06                | 0.14         | -0.13        | 1.36   | -0.056  | 0.07   | 0.89        |  |  |  |
| <b>90%</b>     | 3.0                   | 2.8          | 3.0    | 14.8           | 4.9    | 15.0          | 27.3            | 10.7        | 0.09     | -0.029   | -0.08                | 0.07         | -0.06        | 3.11   | -0.059  | -0.05  | 0.73        |  |  |  |
| <b>95%</b>     | 3.6                   | 1.9          | 2.8    | 11.9           | 3.5    | 13.1          | 21.7            | 6.8         | 0.03     | -0.024   | -0.10                | -0.04        | 0.06         | 6.05   | -0.065  | -0.22  | 0.50        |  |  |  |